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ABSTRACT OF THE DISCLOSURE

An automated multiple-gear transmission which includes a single planetary assembly having an annular gearwheel connected to a transmission output shaft, a first input shaft connected to one of the solar gearwheel or the planetary gearwheel web and a second input shaft connected to the other of the solar gearwheel and the planetary gearwheel web. A gearwheel assembly is connected from a transmission input shaft and includes a single countershaft and plurality of transmission ratio gearsets and a plurality of shift control elements for selectively connecting the first and second planetary assembly input shafts to the transmission ratio gearsets and a transmission housing.

08/25/05 - 12:54 PM

- 2 -